

Best Available Copy

| CLAIMS ONLY                                       |          |      |                        |      |                        | SERIAL NO.   | FILING DATE |   |
|---|----------|------|------------------------|------|------------------------|--|-------------|---|
|   |          |      |                        |      |                        | APPLICANT(S)   |             |   |
| CLAIMS  |          |      |                        |      |                        |  |             |   |
|   | AS FILED |      | AFTER<br>1st AMENDMENT |      | AFTER<br>2nd AMENDMENT |  | *           | * |
|   | IND.     | DEP. | IND.                   | DEP. | IND.                   | DEP.   |             |   |
| 1   | 1        |      |                        |      |                        | 51   | 1           |   |
| 2   |          | 1    |                        |      |                        | 52   | 1           |   |
| 3   |          |      | 1                      |      |                        | 53   |             |   |
| 4   |          | 1    |                        |      |                        | 54   |             |   |
| 5   |          | 1    |                        |      |                        | 55   |             |   |
| 6   |          |      | 1                      |      |                        | 56   |             |   |
| 7   |          | 1    |                        |      |                        | 57   |             |   |
| 8   |          | 1    |                        |      |                        | 58   |             |   |
| 9   |          |      | 1                      |      |                        | 59   |             |   |
| 10  |          |      |                        | 1    |                        | 60   |             |   |
| 11  |          | 1    |                        |      |                        | 61   |             |   |
| 12  |          |      | 1                      |      |                        | 62   |             |   |
| 13  |          | 1    |                        |      |                        | 63   |             |   |
| 14  |          |      | 1                      |      |                        | 64   |             |   |
| 15  |          | 1    |                        |      |                        | 65   |             |   |
| 16  |          |      | 1                      |      |                        | 66   |             |   |
| 17  |          | 1    |                        |      |                        | 67   |             |   |
| 18  |          |      | 1                      |      |                        | 68   |             |   |
| 19  |          | 1    |                        |      |                        | 69   |             |   |
| 20  |          |      | 1                      |      |                        | 70   |             |   |
| 21  | 1        |      |                        |      |                        | 71   |             |   |
| 22  |          | 1    |                        |      |                        | 72   |             |   |
| 23  |          |      | 1                      |      |                        | 73   |             |   |
| 24  |          | 1    |                        |      |                        | 74   |             |   |
| 25  |          |      | 1                      |      |                        | 75   |             |   |
| 26  |          | 1    |                        |      |                        | 76   |             |   |
| 27  |          |      | 1                      |      |                        | 77   |             |   |
| 28  |          | 1    |                        |      |                        | 78   |             |   |
| 29  |          |      | 1                      |      |                        | 79   |             |   |
| 30  |          |      |                        | 1    |                        | 80   |             |   |
| 31  |          | 1    |                        |      |                        | 81   |             |   |
| 32  |          |      | 1                      |      |                        | 82   |             |   |
| 33  |          | 1    |                        |      |                        | 83   |             |   |
| 34  |          |      | 1                      |      |                        | 84   |             |   |
| 35  |          | 1    |                        |      |                        | 85   |             |   |
| 36  |          |      | 1                      |      |                        | 86   |             |   |
| 37  | 1        |      |                        |      |                        | 87   |             |   |
| 38  |          | 1    |                        |      |                        | 88   |             |   |
| 39  |          |      | 1                      |      |                        | 89   |             |   |
| 40  |          | 1    |                        |      |                        | 90   |             |   |
| 41  |          |      | 1                      |      |                        | 91   |             |   |
| 42  |          | 1    |                        |      |                        | 92   |             |   |
| 43  |          |      | 1                      |      |                        | 93   |             |   |
| 44  |          | 1    |                        |      |                        | 94   |             |   |
| 45  |          |      | 1                      |      |                        | 95   |             |   |
| 46  |          | 1    |                        |      |                        | 96   |             |   |
| 47  |          |      | 1                      |      |                        | 97   |             |   |
| 48  |          | 1    |                        |      |                        | 98   |             |   |
| 49  |          |      | 1                      |      |                        | 99   |             |   |
| 50  |          | 1    |                        |      |                        | 100  |             |   |
| TOTAL IND.  |          |      | ↓                      |      | ↓                      | TOTAL IND.   | 3           |   |
| TOTAL DEP.  |          |      | ↓                      |      | ↓                      | TOTAL DEP.   | 4           |   |
| TOTAL CLAIMS                                      |          |      |                        |      |                        | TOTAL CLAIMS   | 52          |   |
| * MAY BE USED FOR ADDITIONAL CLAIMS OR AMENDMENTS |          |      |                        |      |                        |  |             |   |
| FORM PTO-2022 (1-98)                              |          |      |                        |      |                        | U.S. DEPARTMENT OF COMMERCE<br>Patent and Trademark Office |             |   |
| *U.S. GPO: 1998-443-593/89152                     |          |      |                        |      |                        |  |             |   |